



**Almetron Limited,  
Wrexham, North Wales**

**Manufacturing - Chemical Industry**

**Client:**

Almetron Limited

**Specialist Contractor:**

Thelwell Flooring Limited

**Products Used:**

Atako ATB-300 RC

**Contact:**

ResinFlooring Site

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## Case Study

Almetron supply specialist chemicals produced at their plant in Wrexham, North Wales, and all manufacturing on the site is undertaken with great consideration for the environment. However, the necessary production processes involve several aggressive chemicals; there are especially strong acids that require safe handling and use, including concentrated Phosphoric Acid ( $H_3PO_4$ ), which is particularly aggressive to concrete floors and walls used for the containment bund areas.

The Almetron plant engineers therefore wanted a highly acid resistant, durable and reliable, protective floor and wall coating system, to protect all of the concrete surfaces in their tanker off-loading areas. The existing bare concrete floor surface was damaged due to previous acid chemical attack and thorough mechanical preparation was required by the specialist contractor Thelwell Flooring Limited, in order to clean and prepare all of the areas requiring long term protection.

Concrete repairs were carried out and then the ATB-300 RC System was applied to protect all of the concrete surfaces on the floors, walls, plinths and sump areas. ATB-300 RC is based on vinyl ester resins that provide extremely high chemical and mechanical resistance – especially to strong acids.

